

# INFRINGEMENT SEARCH

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	2441	cdma.clm.	USPAT	OR	OFF	2005/12/14 16:19
L3	2959	((side lateral spare) adj channel). clm.	USPAT	OR	OFF	2005/12/14 16:19
L4	3	2 and 3	US-PGPUB; USPAT	OR	ON	2005/12/14 16:19

*INVENTOR'S SEARCH*

Day : Wednesday

Date: 12/14/2005

Time: 16:18:51

**PALM INTRANET**

## Inventor Name Search Result

Your Search was:

Last Name = ERTEL

First Name = RICHARD

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<a href="#">09829092</a>	Not Issued	83	04/09/2001	Bandwidth allocation and data multiplexing scheme for direct sequence CDMA systems	ERTEL, RICHARD B.
<a href="#">09829197</a>	Not Issued	41	04/09/2001	Use of common waveform in forward and reverse channels to reduce cost in point-to-multipoint system and to provide point-to-point mode	ERTEL, RICHARD B.
<a href="#">09829360</a>	Not Issued	71	04/09/2001	Two-dimensional channel bonding in a hybrid CDMA/FDMA fixed wireless access system to provide finely variable rate channels	ERTEL, RICHARD B.
<a href="#">09833720</a>	Not Issued	71	04/12/2001	Hybrid synchronous space/code multiple access system using an adaptive antenna system	ERTEL, RICHARD B.
<a href="#">09833824</a>	Not Issued	161	04/12/2001	Efficient implementation of space division/multiple access for a synchronous CDMA communication system	ERTEL, RICHARD B.
<a href="#">09834667</a>	<a href="#">6956838</a>	150	04/13/2001	USE OF WIDE ELEMENT SPACING TO IMPROVE THE FLEXIBILITY OF A CIRCULAR BASESTATION ANTENNA ARRAY IN A SPACE DIVISION/MULTIPLE ACCESS SYNCHRONOUS CDMA COMMUNICATION SYSTEM	ERTEL, RICHARD B.
<a href="#">10037420</a>	Not Issued	93	10/24/2001	CODE ASSIGNMENT ALGORITHM FOR SYNCHRONOUS DS-CDMA LINKS WITH SDMA USING CHANNEL SCANNING	ERTEL, RICHARD B.
<a href="#">10037422</a>	Not	41	10/24/2001	Spreading code hopping for	ERTEL, RICHARD

	Issued			synchronous DS-CDMA system to mitigate interference effects	B.
<u>10037423</u>	Not Issued	93	10/24/2001	CODE ASSIGNMENT ALGORITHM FOR SYNCHRONOUS DS-CDMA LINKS WITH SDMA USING ESTIMATED SPATIAL SIGNATURE VECTORS	ERTEL, RICHARD B.
<u>10038176</u>	Not Issued	41	10/24/2001	Use of chip repetition to produce a flexible bandwidth DS-CDMA system	ERTEL, RICHARD B.
<u>10039514</u>	Not Issued	95	10/26/2001	ADAPTIVE, MULTI-RATE WAVEFORM AND FRAME STRUCTURE FOR A SYNCHRONOUS, DS-CDMA SYSTEM	ERTEL, RICHARD B.
<u>10608374</u>	Not Issued	30	06/26/2003	Efficient circular clipping implementation using simplified CORDIC rotators	ERTEL, RICHARD B.
<u>10608489</u>	Not Issued	30	06/26/2003	Method and system for baseband amplitude limiting	ERTEL, RICHARD B.
<u>10610968</u>	Not Issued	30	06/30/2003	Pseudo-noise code hopping method and apparatus	ERTEL, RICHARD B.
<u>10622895</u>	Not Issued	30	07/17/2003	Method and apparatus for generating non-recursive variable rate orthogonal spreading codes	ERTEL, RICHARD B.
<u>10763855</u>	Not Issued	30	01/22/2004	Phase error detector using despread and re-spread signals to estimate a transmitted signal	ERTEL, RICHARD B.
<u>10783048</u>	Not Issued	30	02/19/2004	Phase error detector using I/Q interference cancellation	ERTEL, RICHARD B.
<u>10838389</u>	Not Issued	30	05/04/2004	Airborne free space optical communication apparatus and method with subcarrier multiplexing	ERTEL, RICHARD B.
<u>11046361</u>	Not Issued	30	01/27/2005	System and method for PN correlation and symbol synchronization	ERTEL, RICHARD B.
<u>11136782</u>	Not Issued	30	05/24/2005	Sub-sequence accumulation filter and method	ERTEL, RICHARD B.
<u>11136783</u>	Not Issued	20	05/24/2005	Method and apparatus to initiate communications between an unknown node and an existing secure network	ERTEL, RICHARD B.
<u>11136789</u>	Not	30	05/24/2005	Fast and long range node discovery	ERTEL, RICHARD

	Issued			in spread spectrum networks	B.
<a href="#">11136943</a>	Not Issued	30	05/24/2005	Method and apparatus for efficient carrier bin search for a composite spreading code	ERTEL, RICHARD B.
<a href="#">11259336</a>	Not Issued	20	10/25/2005	Methods and apparatus implementing short and long code channel overlay for fast acquisition of long PN codes in spread spectrum communications systems	ERTEL, RICHARD B.
<a href="#">60243807</a>	Not Issued	159	10/27/2000	Bandwidth allocation and data multiplexing scheme for direct sequence CDMA systems	ERTEL, RICHARD B.
<a href="#">60243808</a>	Not Issued	159	10/27/2000	Synchronous DS-CDMA systems and method employing SDMA and other enhancements	ERTEL, RICHARD B.
<a href="#">60243972</a>	Not Issued	159	10/27/2000	Two-dimensional channel bonding in a hybrid cdma/fdma fixed wireless access system to provide finely variable rate channels	ERTEL, RICHARD B.
<a href="#">60243980</a>	Not Issued	159	10/27/2000	Common waveform in forward and reverse channels to reduce cost in point-to-multipoint system and to provide point-to-point mode	ERTEL, RICHARD B.

Inventor Search Completed: No Records to Display.

<b>Search Another: Inventor</b>	<b>Last Name</b>	<b>First Name</b>	<input type="button" value="Search"/>
	<input type="text" value="ERTEL"/>	<input type="text" value="RICHARD"/>	

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L4	3	2 and 3	US-PGPUB; USPAT	OR	ON	2005/12/14 16:19
S1	22	"6005852"	USPAT	OR	OFF	2004/10/16 12:49
S2	225955	S1 adn dynamic	USPAT	OR	OFF	2004/10/16 10:44
S3	12	S1 and dynamic	USPAT	OR	OFF	2004/10/16 10:44
S4	93226	S1 adn allocat\$3	USPAT	OR	OFF	2004/10/16 10:45
S5	14	S1 and allocat\$3	USPAT	OR	OFF	2004/10/16 10:45
S6	5	S5 and packet and circuit	USPAT	OR	OFF	2004/10/16 10:46
S7	4	S6 and total	USPAT	OR	OFF	2004/10/16 10:46
S8	3	S7 and cdma	USPAT	OR	OFF	2004/10/16 10:46
S9	29629	time adj3 division or (tdm)	USPAT	OR	OFF	2004/10/16 11:48
S10	6	S1 and S9	USPAT	OR	OFF	2004/10/16 11:48
S11	7	S1 and multiplex\$3	USPAT	OR	OFF	2004/10/16 12:08
S12	236	(multiple or plurality) same CDMA same channel\$1 same receivers	USPAT	OR	OFF	2004/10/16 12:10
S13	68	(multiple or plurality) same CDMA same channel\$1 same receivers same mobile same station	USPAT	OR	OFF	2004/10/16 12:18
S14	5	cdma adj5 channel adj5 receivers	USPAT	OR	OFF	2004/10/16 12:25
S15	389	( mobile adj5 station\$1 or (SS\$1)) adj10 receivers	USPAT	OR	OFF	2004/10/16 12:26
S16	97	S15 same cdma	USPAT	OR	OFF	2004/10/16 12:26
S17	6	S1 and ( dinamyc\$5 or fleXib\$6)	USPAT	OR	OFF	2004/10/16 12:52
S18	1	"6512784"	USPAT	OR	OFF	2004/10/16 13:01
S19	1	"6347091".PN.	USPAT	OR	OFF	2004/10/16 12:52
S20	1	"6219343".PN.	USPAT	OR	OFF	2004/10/16 12:52
S21	1	"6185197".PN.	USPAT	OR	OFF	2004/10/16 12:53
S22	1	"6085104".PN.	USPAT	OR	OFF	2004/10/16 12:53
S23	1	"6219343".PN.	USPAT	OR	OFF	2004/10/16 12:54
S24	9	"6005852" and separate	USPAT	OR	OFF	2004/10/16 13:02
S25	21	"6005852" and channel	USPAT	OR	OFF	2005/06/12 13:32
S26	0	"ertel.in"	USPAT	OR	OFF	2004/10/08 15:19
S27	50	giallorenzi.in.	USPAT	OR	OFF	2004/10/08 15:19
S28	49	giallorenzi-thomas-\$\$.in.	USPAT	OR	OFF	2005/06/12 13:14
S29	13374	repeater\$1	USPAT	OR	OFF	2004/10/08 15:20

# INTERFERENCE SEARCH

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**Pizarro, Ricardo**

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**From:** Gerald J. Stanton [gstanton@hspatent.com]  
**Sent:** Wednesday, December 14, 2005 3:33 PM  
**To:** Pizarro, Ricardo  
**Subject:** Appl. Ser. No. 09/829,092, Examiner's Amendment

Dear Examiner Pizarro,

This is confirmation of a phone conversation we just completed. At my request, you agree to cancel claims 1-2 by Examiner's amendment for Application Ser. No. 09/829,092 (our docket no. 907B.0012.USU). Since the final Office Action dated June 15, 2005, and the Advisory Action dated Nov 17, 2005, allow claims 3-10 and reject claims 1-2, the application should now be in condition for allowance.

Note that the six month period from the final Office Action expires on December 15, 2005. If you need further information or documentation from me, please call or reply email by that date. Otherwise, I will consider that the Examiner's amendment will be made before expiration of the six month period for reply to the final Office Action.

Sincerely,

Jerry Stanton  
Reg. No. 46,008

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